

--Figure 4 shows a cross section through a beam 1 with a reinforcing device according to the invention mounted on the underside (tension side), consisting of a CFK panel 2 with anchor heads 3 and 4 attached to the ends. Anchor heads 3 and 4 are so designed that the CFK panel 2 emerges practically at the level of adhesive layer 5 from the anchor heads 3 and 4 and the latter, therefore, must not be depressed in the underside of beam 1 but must also be glued flush to the underside. Of course, the transverse tensioning devices 6 shown in Figure 1 can also be mounted here to produce a higher pressure and thus a higher tensile strength of the connection between anchor heads 3 and 4 and the underside of the beam. Likewise, these anchor heads 3 and 4, like the embodiment already described above, can be pretensioned simply.

Figure 5 shows a cross section through an anchor head 3 and the corresponding arrangement of the holding slots 9. The bottom slot 9' is parallel to the outside wall 3' of the anchor head 3, resting on beam 1, and the other slots 9 are located at an acute angle pointing outward in the form of a fan. This arrangement offers the same advantages as already described as a result of the increase in the gluing surface of the CFK panel 2 and also allows the flush application of anchor heads 3 and 4 as well without additional recesses in